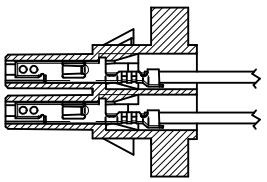
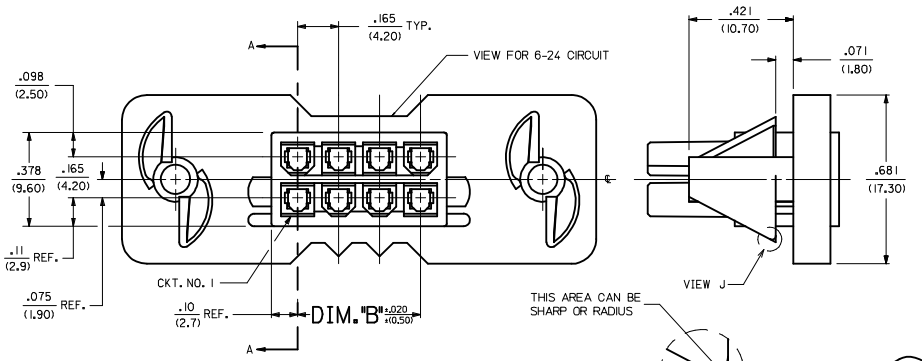
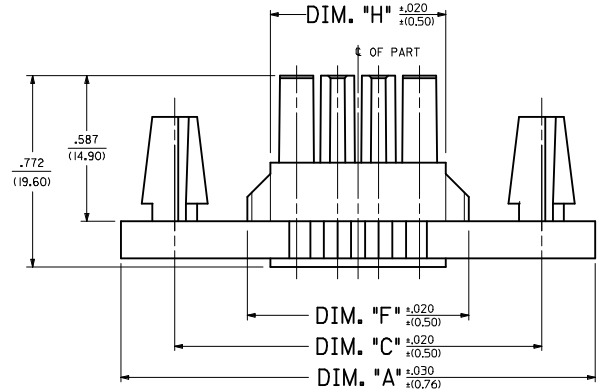
CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"
2	1.417 (36.00)	N/A N/A	.984 (25.00)	.984 (25.00)	.528 (13.40)	.398 (10.10)	.343 (8.70)	.213 (5.40)
4	1.583 (40.20)	.165 (4.20)	1.150 (29.20)	1.150 (29.20)	.693 (17.60)	.563 (14.30)	.508 (12.90)	.378 (9.60)
6	1.748 (44.40)	.331 (8.40)	1.315 (33.40)	1.315 (33.40)	.858 (21.80)	.728 (18.50)	.673 (17.10)	.543 (13.80)
8	1.913 (48.60)	.496 (12.60)	1.480 (37.60)	1.480 (37.60)	1.024 (26.00)	.894 (22.70)	.839 (21.30)	.709 (18.00)
10	2.078 (52.80)	.661 (16.80)	1.645 (41.80)	1.645 (41.80)	1.189 (30.20)	1.059 (26.90)	1.004 (25.50)	.874 (22.20)
12	2.244 (57.00)	.827 (21.00)	1.811 (46.00)	1.811 (46.00)	1.354 (34.40)	1.224 (31.10)	1.169 (29.70)	1.039 (26.40)
14	2.409 (61.20)	.992 (25.20)	1.976 (50.20)	1.976 (50.20)	1.520 (38.60)	1.390 (35.30)	1.335 (33.90)	1.205 (30.60)
16	2.575 (65.40)	1.157 (29.40)	2.142 (54.40)	2.142 (54.40)	1.685 (42.80)	1.555 (39.50)	1.500 (38.10)	1.370 (34.80)
18	2.740 (69.60)	1.323 (33.60)	2.307 (58.60)	2.307 (58.60)	1.850 (47.00)	1.720 (43.70)	1.665 (42.30)	1.535 (39.00)
20	2.906 (73.80)	1.488 (37.80)	2.472 (62.80)	2.472 (62.80)	2.016 (51.20)	1.886 (47.90)	1.831 (46.50)	1.701 (43.20)
22	3.071 (78.00)	1.653 (42.00)	2.638 (67.00)	2.638 (67.00)	2.181 (55.40)	2.051 (52.10)	1.996 (50.70)	1.866 (47.40)
24	3.236 (82.20)	1.819 (46.20)	2.803 (71.20)	2.803 (71.20)	2.346 (59.60)	2.217 (56.30)	2.161 (54.90)	2.031 (51.60)



SECTION "A-A"
TERMINAL ORIENTATION

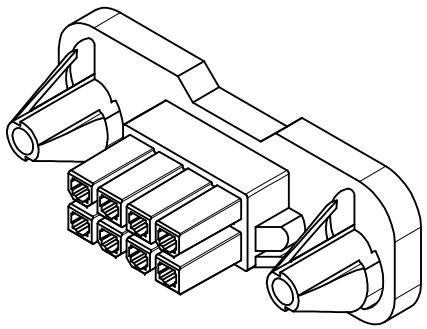


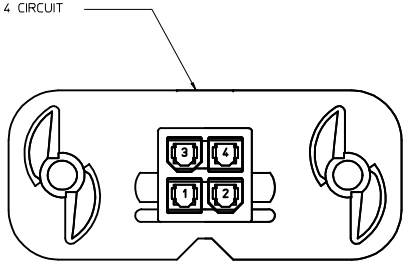


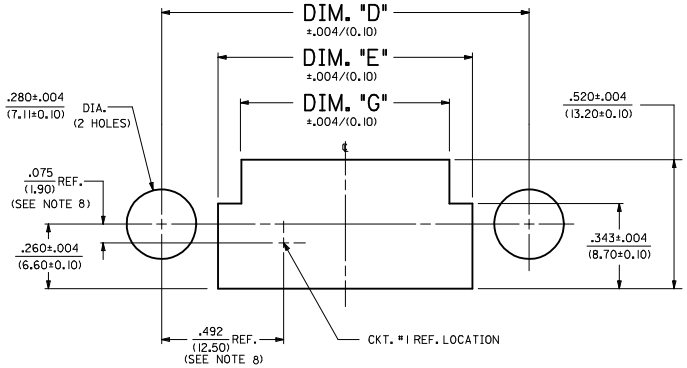
2-8 & 12-24 CIRCUIT HEADER
(SEE SHEET 2 FOR 10 CIRCUIT HEADER DESIGN)



VIEW "J"







RECOMMENDED PANEL CUT-OUT FOR .050 +.008, -.012/(1.27 +0.20, -0.30) THICK PANEL
(SEE NOTE 11)

NOTES:

1. MATERIAL:
   5 = NYLON, UL94V-2, COLOR: NATURAL (BEIGE), IEC 60335-1, 5TH EDITION, GLOW WIRE CAPABLE.
2. FINISH: NOT APPLICABLE.
3. PRODUCT SPECIFICATION: PS-5556-002
4. PACKAGING: PK-42474-001.
5. PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43810, 44068 & 43879.
6. PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476, 45750, OR 46018.
7. THIS CONNECTOR ALLOWS FOR .050/(1.27) MAX. MISALIGNMENT IN ANY DIRECTION.
8. THIS DIMENSION TO BE USED FOR ALIGNMENT OF THE MATING CONNECTOR.
9. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
10. THIS PART IS INTENDED FOR ONE PANEL INSERTION ONLY. REMOVAL AND RE-INSERTION CAN DAMAGE THE MOUNTING SPIRALS.
11. PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION. SHARP EDGES ON THE INSERTION SIDE OF THE PANEL SHOULD BE AVOIDED. THEY WILL INCREASE INSERTION FORCES.
12. BOTH SPIRALS SHOULD BE INSERTED INTO THE PANEL AT THE SAME TIME. ROCKING THE PART INTO PLACE MAY CAUSE SPIRAL DAMAGE.
13. THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
14. IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED.
    REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
15. USING 5556 OR 44476 TERMINALS:
    A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.
    A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR 4 POINTS OF CONTACT.
    USING 45750 OR 46018 TERMINALS:
    A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR FULL CONTACT ENGAGEMENT.
16. WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
17. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

LEGEND:
42474 - ** * 1
BASE NUMBER
CIRCUIT SIZE (02-24)
MATERIAL (SEE NOTE 1.)

CREATE DRAWING
EC NO: UCP2015-1976 2014/11/13
DRWN: JDFOX 2014/11/13
CHKD: JBELL 2015/02/19
APPR: FSMITH
DESCRIPTION
REV A

QUALITY SYMBOLS: ▽=0 ▽=0 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

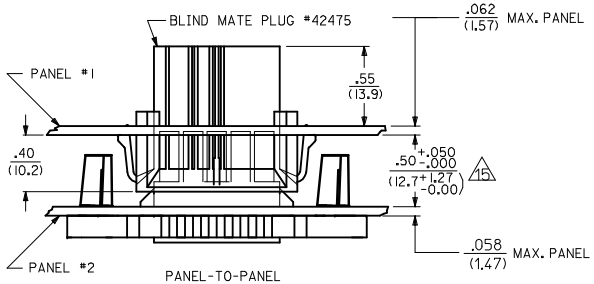
DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JDFOX DATE: 2014/11/13
CHECKED BY: JBELL DATE: 2014/11/13
APPROVED BY: FSMITH DATE: 2015/02/19
MATERIAL NO.: SEE SHEET 2
SIZE: D

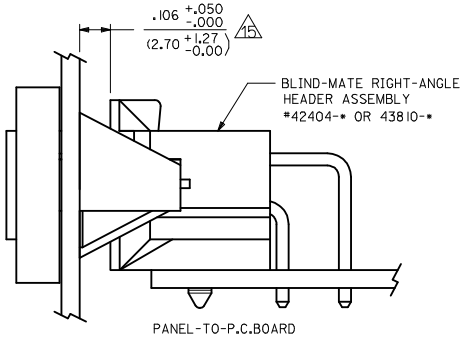
TITLE: PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES
molex
DOCUMENT NO.: SD-42474-**5*
SHEET NO.: 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

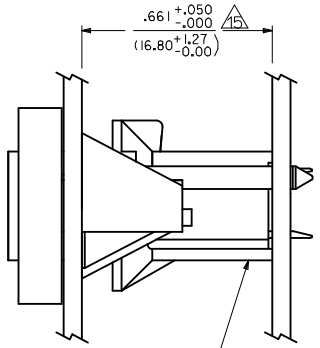
ITEM NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)
NOT TOOLED	2	5 = GLOW WIRE
42474-0451	4	5 = GLOW WIRE
NOT TOOLED	6	5 = GLOW WIRE
NOT TOOLED	8	5 = GLOW WIRE
NOT TOOLED	10	5 = GLOW WIRE
NOT TOOLED	12	5 = GLOW WIRE
NOT TOOLED	14	5 = GLOW WIRE
NOT TOOLED	16	5 = GLOW WIRE
NOT TOOLED	18	5 = GLOW WIRE
NOT TOOLED	20	5 = GLOW WIRE
NOT TOOLED	22	5 = GLOW WIRE
NOT TOOLED	24	5 = GLOW WIRE



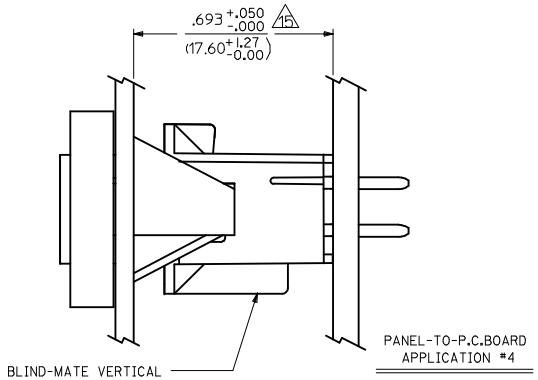
PANEL-TO-PANEL APPLICATION #1



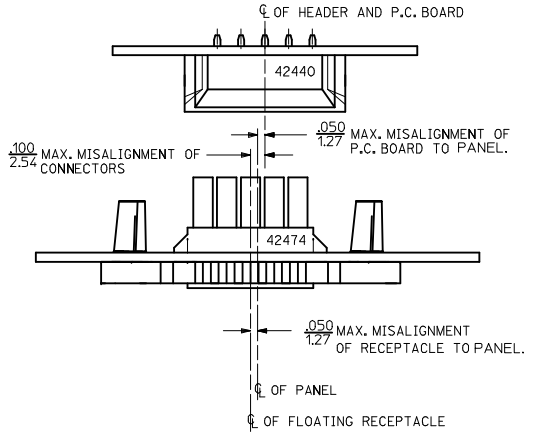
PANEL-TO-P.C.BOARD APPLICATION #3



PANEL-TO-P.C.BOARD APPLICATION #2



PANEL-TO-P.C.BOARD APPLICATION #4



ALIGNMENT TOLERANCES FOR .050/1.27 MAX. BOARD-TO-PANEL MISALIGNMENT (±.050/1.27 RECEPTACLE FLOAT)

SEE SHEET 1
EC NO: UCP2015-1976 2014/11/13
DRWN: JDFOX 2014/11/13
CHKD: JBELL 2015/02/19
APPR: FSMITH
DESCRIPTION
A
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JDFOX DATE: 2014/11/13
CHECKED BY: JBELL DATE: 2014/11/13
APPROVED BY: FSMITH DATE: 2015/02/19

TITLE: PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42474-**5*
SHEET NO.: 2 OF 2

SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION